



OIPE

Does Not Comply
Corrected Diskette Needed

RAW SEQUENCE LISTING

DATE: 11/06/2002

PATENT APPLICATION: US/10/021,723A

TIME: 14:54:31

Input Set : A:\NewYork_DIV-016CIP (112766.140_1.txt

Output Set: N:\CRF4\11062002\J021723A.raw

4 <110> APPLICANT: Short, Jay
 5 Mathur, Eric
 6 Richardson, Toby
 7 Robertson, Dan
 8 Barton, Nelson
 10 <120> TITLE OF INVENTION: Recombinant Phytases and Uses Thereof
 12 <130> FILE REFERENCE: 112766.140 (DIV-016CIP)
 14 <140> CURRENT APPLICATION NUMBER: US 10/021,723A
 C--> 15 <141> CURRENT FILING DATE: 2002-10-23
 17 <150> PRIOR APPLICATION NUMBER: US 60/255,090
 18 <151> PRIOR FILING DATE: 2000-12-12
 20 <160> NUMBER OF SEQ ID NOS: 74
 22 <170> SOFTWARE: FastSEQ for Windows Version 4.0

ERRORED SEQUENCES

1578 <210> SEQ ID NO: 74
 1579 <211> LENGTH: 35
 1580 <212> TYPE: DNA
 1581 <213> ORGANISM: Artificial Sequence
 1583 <220> FEATURE:
 1584 <223> OTHER INFORMATION: primer
 1586 <400> SEQUENCE: 74
 1587 tactgacgtc tcaggtggcc acgacacaaa tattg 35
 E--> 1591 112766-140 (div-016cIP).st25
 E--> 1599 Page 1
 E--> 1600 nEwyOrk 55169v1 -delete

VARIABLE LOCATION SUMMARY DATE: 11/06/2002
PATENT APPLICATION: US/10/021,723A TIME: 14:54:32

Input Set : A:\NewYork_DIV-016CIP (112766.140_1.txt
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Use of n's or Xaa's(NEW RULES):

Use of n's and/or Xaa's have been detected in the Sequence Listing.

Use of <220> to <223> is MANDATORY if n's or Xaa's are present.

in <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.

Seq#:1; N Pos. 470,487,491,492,522

Seq#:2; Xaa Pos. 157,163,164,174

Seq#:17; Xaa Pos. 6

Seq#:18; Xaa Pos. 3

Seq#:74; N Pos. 43

VERIFICATION SUMMARY

DATE: 11/06/2002

PATENT APPLICATION: US/10/021,723A

TIME: 14:54:32

Input Set : A:\NewYork_DIV-016CIP (112766.140_1.txt

Output Set: N:\CRF4\11062002\J021723A.raw

L:15 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:42 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:420
L:43 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:480
L:89 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:144
L:91 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:160
L:876 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:0
L:895 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18 after pos.:0
L:1591 M:254 E: No. of Bases conflict, LENGTH:Input:25 Counted:48 SEQ:74
L:1591 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:20
L:1591 M:112 C: (48) String data converted to lower case,
M:254 Repeated in SeqNo=74
L:1599 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:2
L:1600 M:258 W: Mandatory Feature missing, <221> Tag not found for SEQ ID#:74
L:1600 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:74
L:1600 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:74 after pos.:42
L:1600 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:7
M:112 Repeated in SeqNo=74
L:1600 M:252 E: No. of Seq. differs, <211> LENGTH:Input:35 Found:60 SEQ:74